

Affective Elements of Science Learning Questionnaire.

Class and period: _____ **Date:** _____

Race or ethnicity: _____ **Gender:** _____

Please use this scale to make your choices for the statements below:

- **SA: Strongly agree**
- **A: Agree**
- **U: Unsure**
- **D: Disagree**
- **SD: Strongly disagree**

Circle one choice for each item:

- | | |
|--|-------------|
| 1. I can succeed in science. | SA A U D SD |
| 2. I am confident that I understand science. | SA A U D SD |
| 3. I can solve complex problems in science. | SA A U D SD |
| 4. Science is too hard. | SA A U D SD |
| 5. I can interpret data tables and graphs in science. | SA A U D SD |
| 6. I can create scientific explanations using evidence. | SA A U D SD |
| 7. I can understand new ideas quickly when they are introduced to me in the science classroom. | SA A U D SD |
| 8. I understand scientific theories, laws, and concepts. | SA A U D SD |
| 9. I understand the language of science. | SA A U D SD |

Please explain your responses:

Circle one choice for each item:

- | | |
|---|-------------|
| 10. I see myself pursuing a career in or relating to science. | SA A U D SD |
| 11. Good jobs require science. | SA A U D SD |
| 12. I want to take more science classes. | SA A U D SD |
| 13. The activities in science class trigger my curiosity. | SA A U D SD |
| 14. I enjoy science class. | SA A U D SD |
| 15. I like planning scientific investigations. | SA A U D SD |
| 16. I enjoy creating explanations for natural phenomena. | SA A U D SD |
| 17. I like solving scientific problems. | SA A U D SD |
| 18. Science is interesting. | SA A U D SD |

Please explain your responses:

Circle one choice for each item:

- | | |
|---|-------------|
| 19. Science is important. | SA A U D SD |
| 20. I want to succeed in science. | SA A U D SD |
| 21. I want to be able to design a scientific investigation. | SA A U D SD |
| 22. I want to understand scientific concepts. | SA A U D SD |
| 23. I want to understand theories, laws, and concepts. | SA A U D SD |
| 24. I think doing well in science is important. | SA A U D SD |
| 25. It is important for me to know how to write in a scientific manner. | SA A U D SD |
| 26. It is important to be able to create scientific explanations. | SA A U D SD |
| 27. Scientific investigations are useful to me. | SA A U D SD |

Please explain your responses:

Circle one choice for each item:

- | | |
|--|-------------|
| 28. I belong in the science classroom. | SA A U D SD |
| 29. I belong in a science-related field. | SA A U D SD |
| 30. I belong in the scientific community. | SA A U D SD |
| 31. I see myself as a future scientist. | SA A U D SD |
| 32. Others think I am good at science. | SA A U D SD |
| 33. Others think I should be a scientist. | SA A U D SD |
| 34. Others think I should pursue a science-related career. | SA A U D SD |
| 35. My teacher thinks I am good at science. | SA A U D SD |

Please explain your responses: